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DESCRIPTORS: *Polymerization, *Propenes, *Catalysts, *Titanium compounds, Chlorides, Metalorganic compounds, Aluminum compounds, Exchange reactions.

(Chemistry--Physical, TT, v. 6, no. 9)

61-16710

1. Title: Stereospecific polymerization
- I. Topchiev, A. V.
- II. Krentsel', B. A.
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The present article describes a combined method, including a chromatographic separation of standard fractions (60 - 175) from cracking gasoline in hydrocarbon classes combined with hydrodehydrogenizing catalysis. This method permits determination of the chemical composition in fractions separately, according to seven subgroups of saturated and unsaturated hydrocarbons.
(Author)

(Chemistry--Analytical, TT, v. 5, no. 10)

1. Gasoline--Fractionation
 2. Hydrocarbons--
Determination
 3. Chromatographic analysis--
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DESCRIPTORS: *Alkylation, *Ethylenes, Carboxyl
radicals, Benzenes, Phenols, Alkyl radicals, Synthesis
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DESCRIPTORS: *Ethylenes, *Polymers

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DESCRIPTORS: Petroleum, Hydrocarbons, Carbon compounds, Isomeric transitions, Materials, Plastics, Synthetic rubber, Synthetic fibers, Detergents, Dehydrogenation, Polymerization, Drugs.

(Chemistry--Organic, TI, v. 7, no. 4)

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